LPR 220-02-00.0 Issue Date February 19, 1997

Performance Requirement: Facility Projects

Project Definition

Title: Project Definition Mandatory Document

Standard Statement:

Project needs in support of program needs are identified, approved, and established to the degree that allows engineering design to proceed.

Performance Criteria:

- 1. Project definition is developed to support identified mission need, and concurrence is established between all essential parties.
- 2. Functional requirements and criteria are identified and agreed upon by all essential parties.
- 3. Project requirements are developed to the extent necessary to allow procurement of engineering design services.
 - NOTE: Decontamination and decommissioning (to include environmental restoration activities) project definition includes characterization (e.g., radiological, chemical, and physical condition).
- 4. Feasibility is evaluated in terms of scope, cost, and schedule.
- 5. Alternative approaches are developed and evaluated to meet the mission needs of the facility.
- 6. Changes in mission need are incorporated in the project definition process.
- 7. Risks are identified and methods for mitigation are proposed.
- 8. Lessons learned from similar projects are reviewed and incorporated as required.

References:

20 NMAC 2.72, Construction Permits

20 NMAC 5.1-5.14, New Mexico Hazardous Waste Act and New Mexico Groundwater Protection Act

29 CFR 1910, Occupational Safety and Health Standards

29 CFR 1926, Safety and Health Regulations for Construction

40 CFR 280, Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tank (UST)

49 CFR 30-399, Department of Transportation, Motor Carrier Safety Regulations

Americans with Disabilities Act (ADA)

DOE M 440.1-1, Revision 8, 3/96, Explosives Safety Manual

DOE O 5700.6C, Quality Assurance

DOE OSS Range Design Criteria Guide

DOE-STD-1020-94, Natural Phenomena Hazard Design and Evaluation Criteria for DOE Facilities

INCZ (ASHRAE) 61.1989, Ventilation for Acceptable Indoor Air Quality

National Fire Protection Association (NFPA) Standards, including 101, Life Safety Code Uniform Building Code (UBC)